Web-Enablement Planning

7 May 2001

NAVSUP WEN Factors

- *Most Functionality Embedded in Relatively Few Well-Documented Legacy Systems (e.g. UICP & U2)*

- *CMM Level IV CDA Provides Integration Advantage*

- *10% of Systems Eliminated During Y2K Renovation*

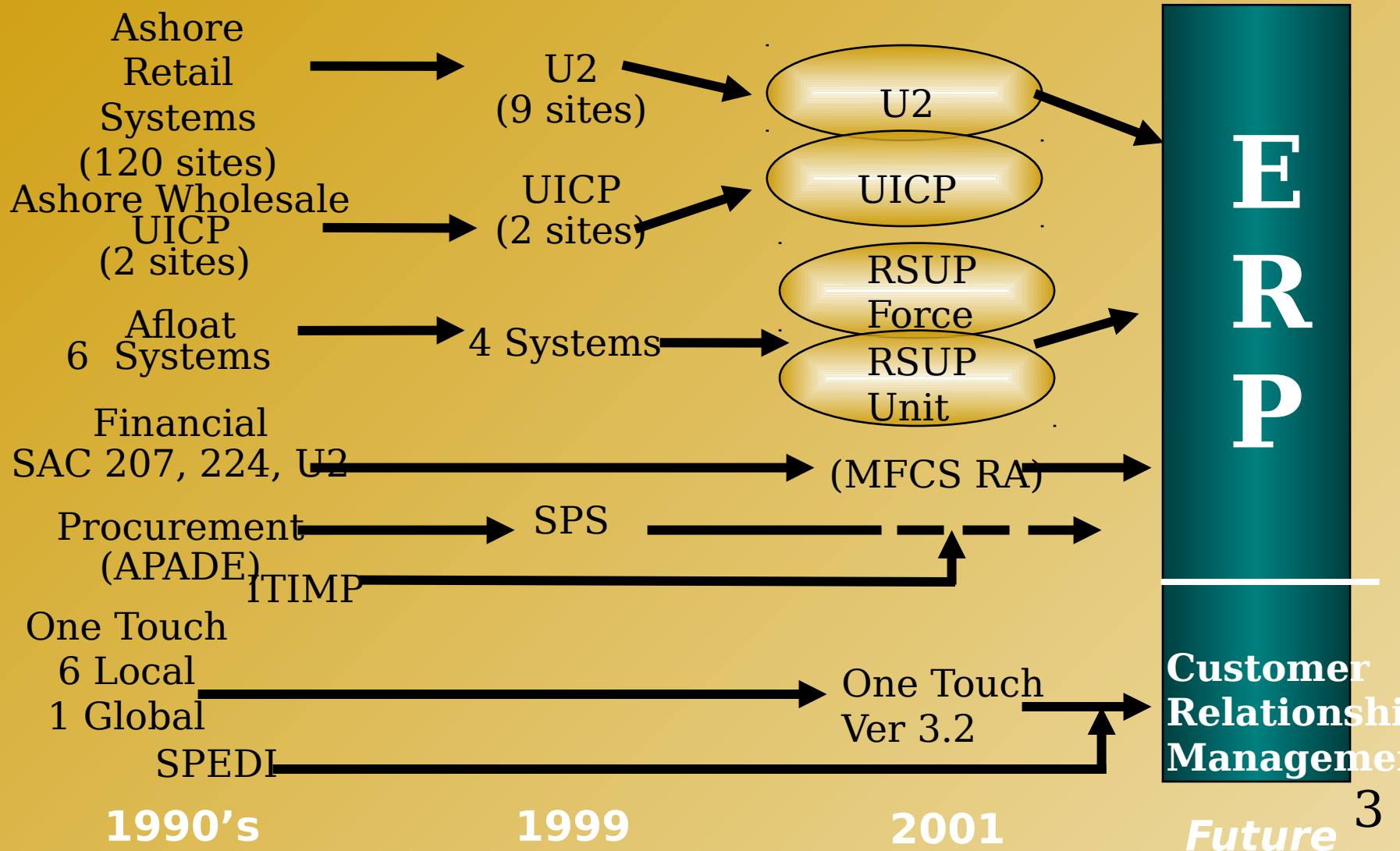- *Good Progress in Reducing Retail & Financial Apps*

- *Most Other Systems Developed as Interim "Bolt-ons" Due to Legacy Systems' Inflexibility*

- *ERP and One Touch Projects are Main Vehicles for Legacy Systems' Modernization or Retirement*

Systems Consolidation Progress

Ashore Retail Systems (120 sites) → U2 (9 sites) → U2 → **ERP**

Ashore Wholesale UICP (2 sites) → UICP (2 sites) → UICP → **ERP**

Afloat 6 Systems → 4 Systems → RSUP Force / RSUP Unit → **ERP**

Financial SAC 207, 224, U2 → (MFCS RA) → **ERP**

Procurement (APADE) → SPS → → →

ITIMP

One Touch 6 Local 1 Global → One Touch Ver 3.2 →

SPEDI →

Customer Relationship Management

1990's   **1999**   **2001**   *Future*

3

NAVSUP WEN Factors (con't)

- **Limited New AIS Development Underway**
  - **UICP/U2 "Brownout" Imposed Sep '00**
  - **No "Gray Money" - IT Budget is Above Board**
  - **ED Approval Required for All New Initiatives**
- **Attacking only non-Deferrable AIS Requirements**
  - **External Direction/Compliance (MIT/SIT, MFCS)**
  - **"Bolt-ons" w/Near-Tem Payoff (One Touch,Serial Number Tracking, RAM,ANSRS,NLN,Web MRIL)**
  - **Quality of Life (Cashless Ship, Smart Web Move)**

NAVSUP Web-enabling Management Responsibilities

- *COMNAVSUP: Senior Level Advocacy/Leadership*

- *ED/CIO: Overall WEN Oversight, MDA & Arbiter*

- *CIO Forum: Senior IT & Business Advisors to CIO*

- *DEPCOM for IT: Daily Coordination/Oversight*

- *Other DEPCOMS/PMs: Web-enabling Cognizant AIS*

- *FMSO: WEN Technical Arm*

- *Architecture Review Board: Technical Compliance*

WEN-Related Policy/Communications

Data Sharing Established as a Fundamental Business Policy (NAVSUPINST 5271.1)

All COs and EDs Briefed on WEN by COMNAVSUP at 18-19 Apr Off-site

Standard Technical Architecture Established as Command Strategic Objective 19 Apr 01

Message Supporting WEN Released to Claimancy COs/Supply Flags 3 May 2001

6

NAVSUP Data Sharing Policy

- **Data recorded/stored by NAVSUP will be made readily available throughout the global supply system**

- **Emphasis on Supply System Performance Info**

- **Limited Only by Privacy Act, IA Requirements, etc.**

- **Chain of Command entitled to direct access into databases used by subordinate echelons**

- **Includes Resources, Compliance and Efficiency Info**

- **Goal is to Reduce Data Calls and "Tampering"**

- **No Reimbursement Required if Reciprocity Established**

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WEN Technical Standards Compliance

- **Reviewing SUP IT Standards Guidelines vs. WEN Architecture**

- **Most "Bolt-ons" are Web-Accessible**

- **Oracle is Already NAVSUP's de facto Standard Data Base (Expanding Current Concurrent Use License)**

- **One Touch Architecture Largely WEN Architecture-Compliant (Browser/XML/Oracle-Based)**

- **Working to Assess SAP/WEN Architectural Fit**

SERVICE-ORIENTED TECHNICAL ARCHITECTURE (SOTA)

Developed/Maintained by Fleet Material Support Office (FMSO)

Comprehensive Technical Document Governs Design, Development and Integration of NAVSUP Systems

Includes Policy, Standards, Guidelines and Tools

WEN Architecture Compliant

Maintain Legacy Brownout thru WEN Timeline

Used Y2K/DITSD for Baseline Inventory, will Augment with NMCI Inventory when Available

Establish WEN Architecture Compliance as Project/Funding Approval Prerequisite (May)

Task PMs/System Managers to Assess WEN Feasibility, Cost & Timing w/Design Agent (May)

Issue NAVSUP Technical Standards to Incorporate/ Reference WEN, Developers. Guide & SOTA (May)

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NAVSUP Webifcation Process (con't)

- **Coordinate w/Other Logistics Systems Oners (May)**

- **Comprehensive Review of Web-enablement Plans by CIO, Comptroller and CIO Forum (June)**

  - **Employ "Triage" to Identify Enablement Candidates**

  - **Totally Web-enable ASAP**

  - **Browser-Based Client Only**

  - **Maintain Pending Elimination (e.g. by ERP)**
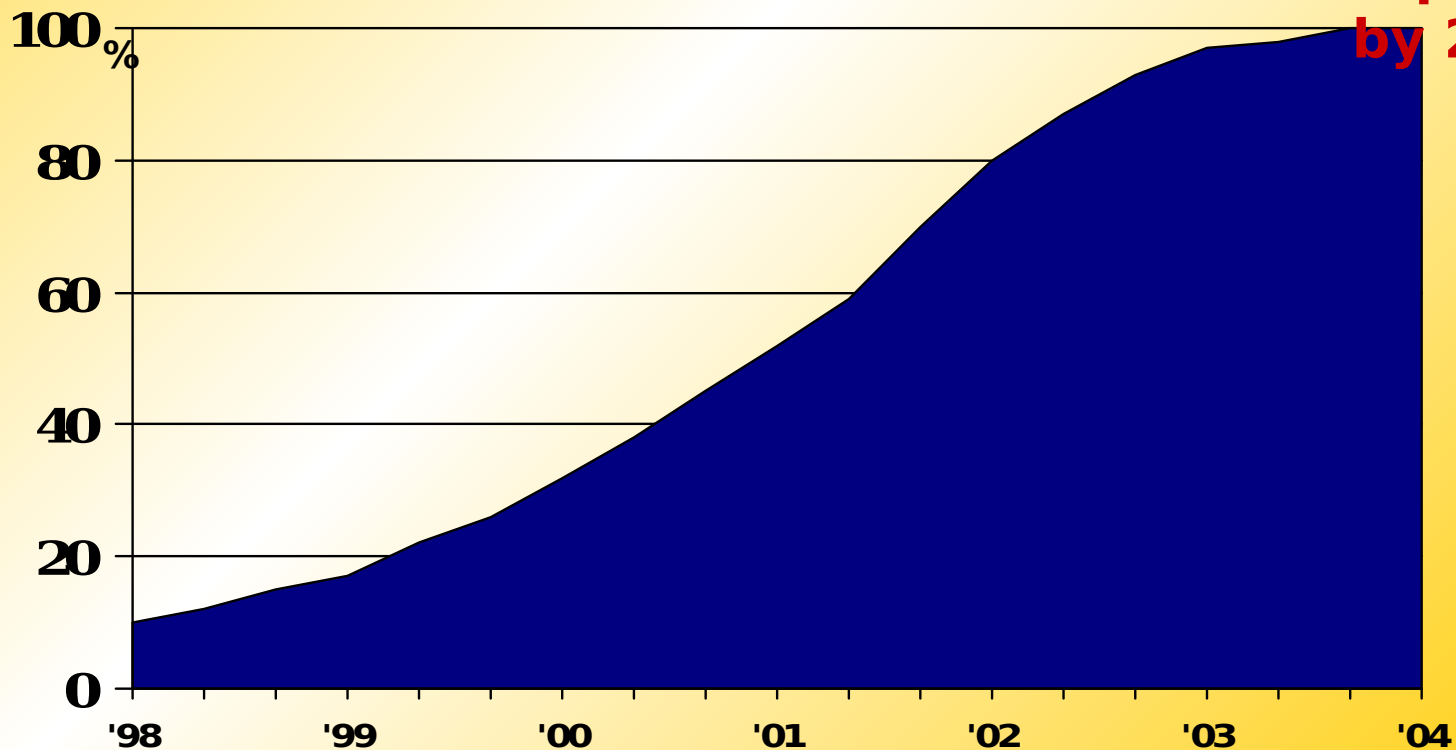
- **Apply Lessons Learned from Initial Portal Systems**

Systems Currently Web-Accessible: 10

Total Systems:

17

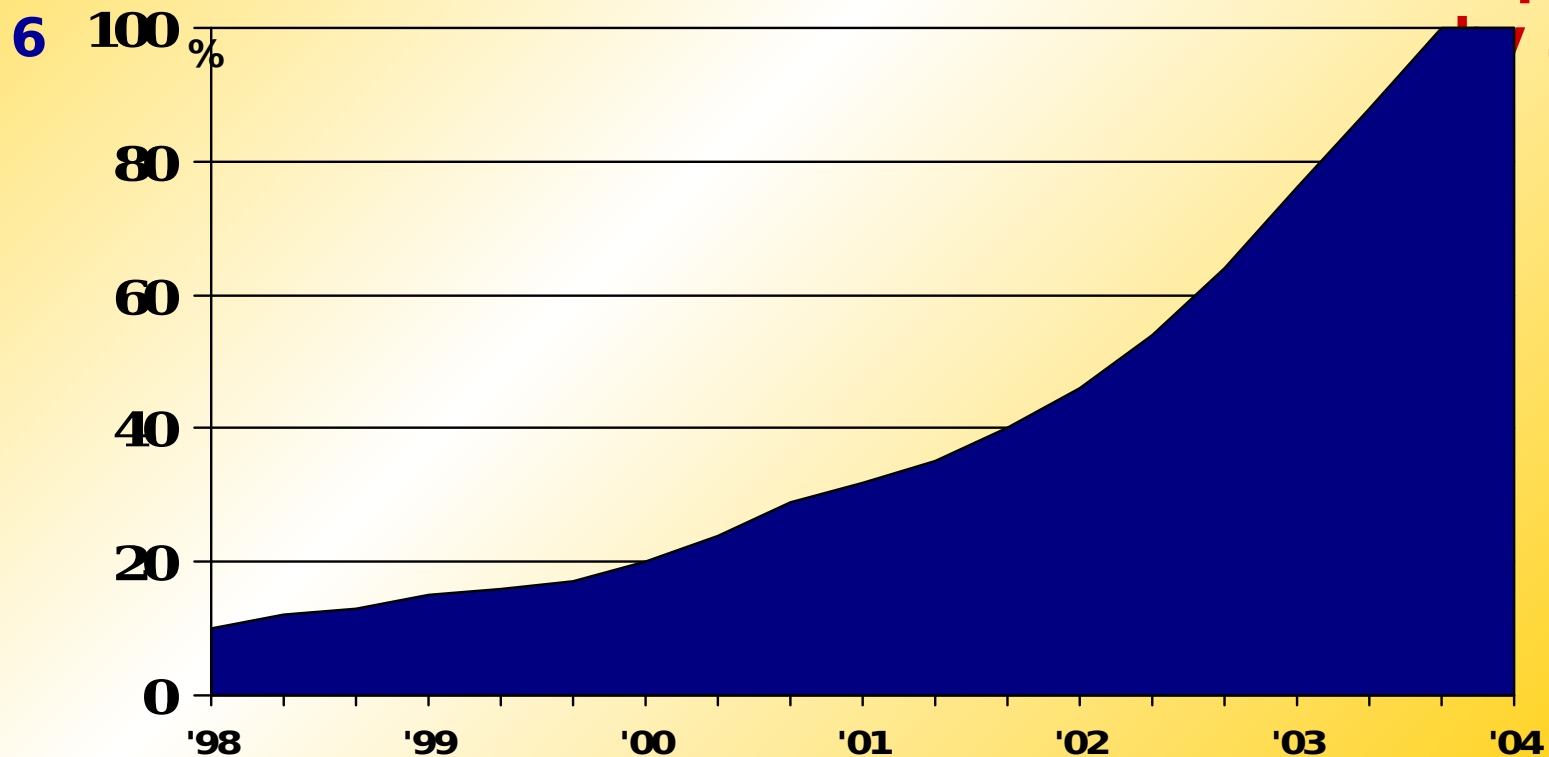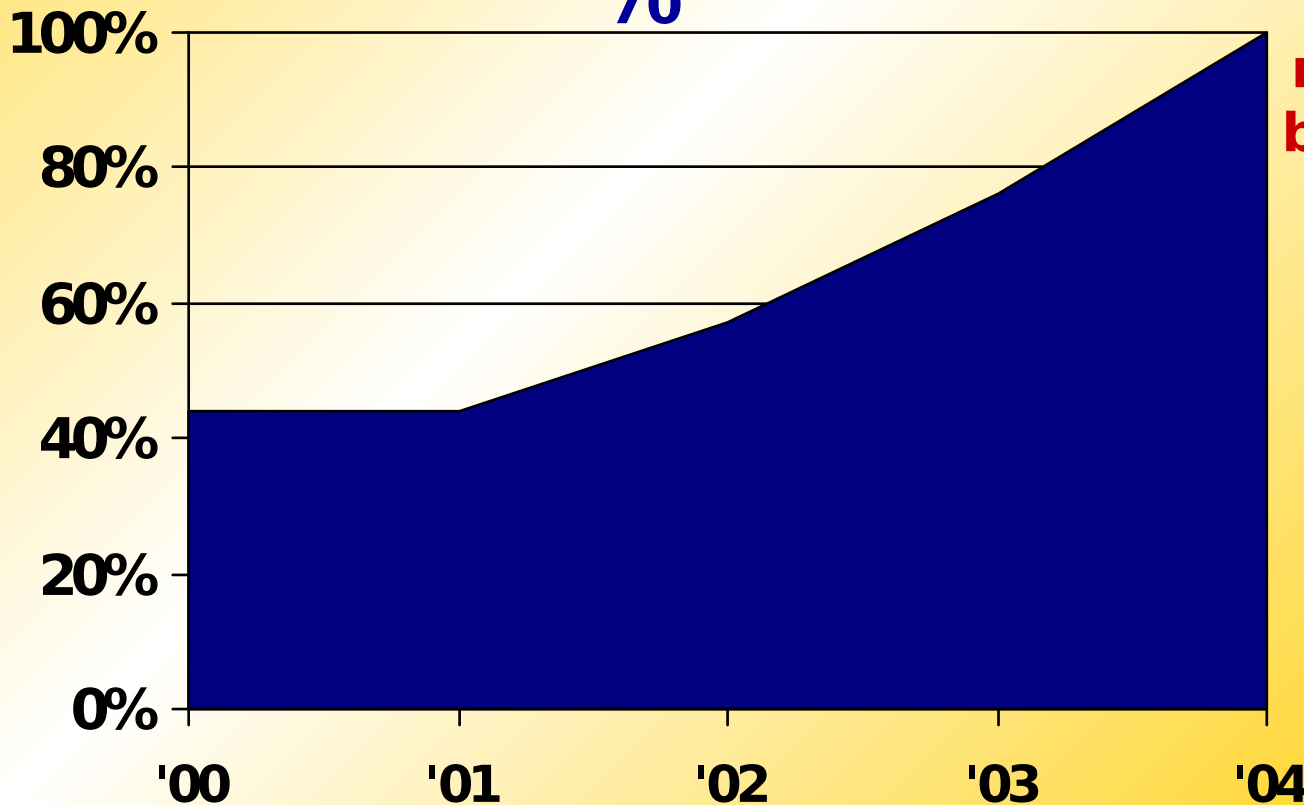**Systems Web-Accessible or replaced by 2004: 7**

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CLASSIFIED WEN-COMPLIANT SYSTEMS

Systems Currently WEN-Compliant:

6

Total Systems:

17

Systems WEN-Compliant or replaced by 2004:

11

13

Systems Currently Web-Accessible: 31

Total Systems:

70

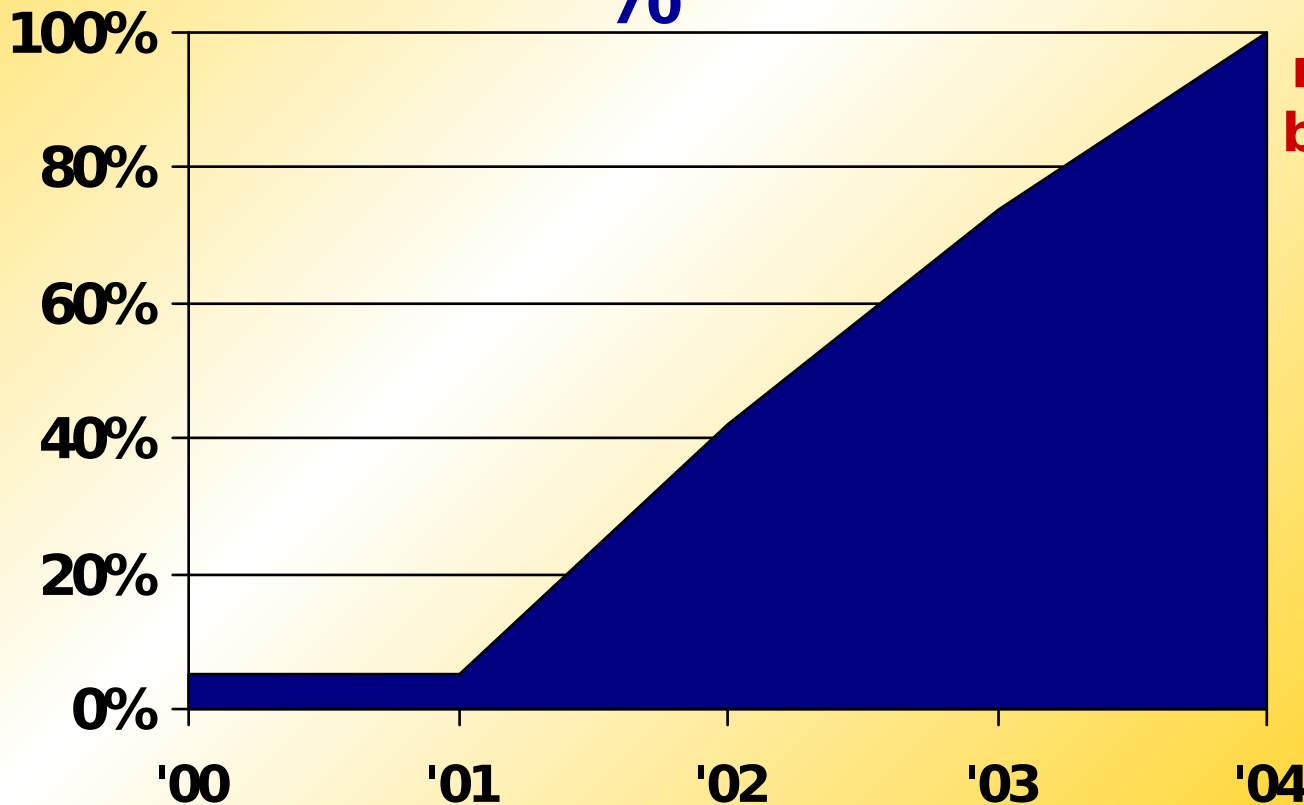**Systems Web-Accessible or replaced by 2004:**

39

14

Systems Currently WEN-Compliant: 1

Total Systems:

70

Systems WEN-Compliant or replaced by 2004:

69

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Biggest Challenges

Limited System/Project Redundancy= Limited Sources for Web-enablement Resources

Must Not Imperil Critical ERP Schedule

WEN Developers Guide Needed for Most Accurate Resource Estimates

Hosting Supply Data Bases at NCTMS

Integration with Other Logistics Systems

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Summary

On Board with Web-enabled Navy

SUP is Well-Positioned to Pursue

Hard Tradeoffs w/Other Initiatives

Moving Out Smartly